

**ONE WEEK
VIRTUAL FACULTY
DEVELOPMENT
PROGRAMME [FDP]
ON**

**RESEARCH
METHODOLOGY
AND STATISTICS**

22nd -29th June 2022



Inauguration

Prof. Dr. Sabu Thomas

Hon. Vice Chancellor

Mahatma Gandhi University, Kottayam



Organized By

School of Behavioural Sciences

Mahatma Gandhi University, Kottayam, Kerala, India

&

College Development Council

Mahatma Gandhi University, Kottayam, Kerala, India

MAHATMA GANDHI UNIVERSITY

Mahatma Gandhi University established on 2nd October 1983 is a premier educational institution that strives to fulfill the higher educational needs of the people of Central Kerala. From its inception, Mahatma Gandhi University has made immense strides in the fields of inter-disciplinary teaching and research in the areas of pure and applied sciences, social sciences and humanities. This University was accredited with A grade by National Assessment and Accreditation Council and 34th in NIRF ranking by MHRD, Government of India. Mahatma Gandhi University is ranked 139 among Asian Universities and won the prestigious Chancellors Award for the best University in the state for the years 2020, 2017 & 2015.

SCHOOL OF BEHAVIOURAL SCIENCES

School of Behavioural Sciences established in 1988 is a very unique institution engaged with teaching, research and extension in the field of disability rehabilitation and mental health. Department has a privilege of multidisciplinary faculty structure, diversity of academic and extension programmes. Academic programmes offered by the School are interdisciplinary in nature. School offers two Post Graduate programmes: M.A Social Work in Disability Studies and Action (RCI Recognised) and M. Sc Psychology. Research is undertaken by potential Ph.D and Post Doctoral scholars in the various aspects of Disability Rehabilitation, Psychology, Special Education, Mental Health, Behavioural Medicine, Rehabilitation Nursing and Interdisciplinary Research. Department of Indian Sign Language, Institute for Research in Learning Disabilities, Inter University Centre for Disability Studies and Vocational Rehabilitation Centre for Intellectually Challenged Adults are also functioning under its premise.

INVITATION FROM THE DESK OF ORGANIZING COMMITTEE

Dear Faculty Members,

It gives us immense pleasure to invite you to the ONE WEEK VIRTUAL FACULTY DEVELOPMENT PROGRAMME ON RESEARCH METHODOLOGY AND STATISTICS organized by School of Behavioural Sciences, Mahatma Gandhi University and College Development Council, Mahatma Gandhi University, Kottayam to be held on 22nd to 29th June 2022. The FDP programme will discuss various topics related to Research Methodology and Statistics helpful for faculty members for better application of it in academic and research activities. Your active participation and contributions will make this event successful. On Behalf of organizing committee, we welcome you all to the FDP programme.

With regards,



Convener, FDP - 2022

Rajesh E

Assistant Professor
School of Behavioural Sciences
Mahatma Gandhi University



Organizing Secretary, FDP - 2022

Prof. Dr. Baburaj P. T.

Professor & HOD
School of Behavioural Sciences
& Director, College Development Council
Mahatma Gandhi University



PROGRAMME SCHEDULE

10.00 A.M - 10.30A.M




Inauguration : Prof.Dr. Sabu Thomas

(Hon. Vice-Chancellor, Mahatma Gandhi University)

DAY - 1

Date	Area	Time	Topic & Sub Topic	Resource Persons
22/06/2022	RESEARCH METHODOLOGY	10.30 A.M - 1.00 P.M	TOPIC: BASICS OF RESEARCH SUBTOPIC: IDENTIFICATION OF PROBLEM, HYPOTHESIS AND SAMPLING	 <p>Dr. AJITH KUMAR C ASSISTANT PROFESSOR (STAGE III) SCHOOL OF EDUCATION IGNOU, NEW DELHI 110068</p>
	STATISTICS	2.00 P.M - 5.00 P.M	TOPIC: ROLE OF STATISTICS IN RESEARCH SUBTOPIC: STATISTICS IN: STATEMENT OF PROBLEM, OBJECTIVES, SAMPLING, DEVELOPMENT OF TOOLS & TESTING OF HYPOTHESIS	 <p>Prof. Dr. P.S. SUKUMARAN PROFESSOR & DEAN SCHOOL OF BEHAVIOURAL SCIENCES MAHATMA GANDHI UNIVERSITY</p>

DAY - 2

23/06/2022	RESEARCH METHODOLOGY	10.00 A.M - 1.00 P.M	TOPIC: TOOLS FOR RESEARCH SUBTOPIC: TYPES, CONSTRUCTION AND STANDARDIZATION	 <p>Dr. AJITH KUMAR C ASSISTANT PROFESSOR (STAGE III) SCHOOL OF EDUCATION IGNOU, NEW DELHI 110068</p>
	RESEARCH METHODOLOGY	2.00 P.M - 3.30 P.M	TOPIC: RESEARCH PROPOSAL WRITING	 <p>Mr. AHAMMED MEKKODATHIL CLINICAL RESEARCH TRAUMA SURGERY DEPARTMENT HAMAD MEDICAL CORPORATION QATAR</p>
	MIXED METHOD RESEARCH	3.30 P.M - 5.00 P.M	TOPIC: APPLYING MIXED METHODS APPROACHES TO ASSESSMENT AND RESEARCH SUBTOPIC: CONCEPTS OF MIXED METHODS RESEARCH WITH EXAMPLES	 <p>Dr. NATHAN ADAM BOUCHER ASSOCIATE RESEARCH PROFESSOR, STANFORD SCHOOL OF PUBLIC POLICY, DUKE UNIVERSITY, USA</p>



DAY-3

Date	Area	Time	Topic & Sub Topic	Resource Persons
24/06/2022	QUALITATIVE RESEARCH	10.00 A.M - 11.30 A.M	TOPIC: ACTION RESEARCH : AN OVERVIEW	 <p>Dr. JAYANTA CHOUDHURY HOD, DEPARTMENT OF RURAL STUDIES, TRIPURA UNIVERSITY, TRIPURA & FOUNDER GFSRD</p>
	QUALITATIVE RESEARCH	11.30 A.M - 1.00 PM	TOPIC: QUALITATIVE RESEARCH METHODS SUBTOPIC: DATA CODING AND ANALYSIS USING ATLAS.TI	 <p>Dr. MANOJ JOSEPH ASSISTANT PROFESSOR SCHOOL OF RURAL DEVELOPMENT, TATA INSTITUTE OF SOCIAL SCIENCES TISS-TULJAPUR CAMPUS MAHARASHTRA</p>
	QUALITATIVE RESEARCH	2.00 PM - 5.00 PM	TOPIC: QUALITATIVE RESEARCH	 <p>Prof. Dr. EDVIN VAN TEIJLINGEN PROFESSOR FACULTY OF HEALTH & SOCIAL SCIENCES, BOURNEMOUTH UNIVERSITY, U.K</p>




DAY-4

25/06/2022	QUALITATIVE RESEARCH	10.00 A.M - 11.30 A.M	TOPIC: INCLUSIVE RESEARCH APPROACH IN EDUCATIONAL STUDIES SUBTOPIC: USEFULNESS OF QUALITATIVE RESEARCH	 <p>Dr. JOHNSON JAMENT RESEARCH AND EDUCATIONAL CONSULTANT SCHOOL OF GLOBAL STUDIES UNIVERSITY OF SUSSEX, UK</p>
	QUANTITATIVE RESEARCH	11.30 A.M - 1.00 PM	TOPIC: QUANTITATIVE RESEARCH	 <p>Dr. BRIJESH SATHIAN DEPUTY CHAIR FOR RESEARCH AND POST DOCTORAL SCIENTIST GERIATRICS AND LONG TERM CARE DEPARTMENT, RUMAILAH HOSPITAL QATAR</p>
	QUANTITATIVE RESEARCH	2.00 PM - 5.00 PM	TOPIC: QUANTITATIVE RESEARCH	 <p>Dr. RUSSELL KABIR SENIOR LECTURER DEPARTMENT OF MEDICINE AND PUBLIC HEALTH ANGLIA RUSKIN UNIVERSITY UK</p>

DAY-5

Date	Area	Time	Topic & Sub Topic	Resource Persons
27/06/2022	QUANTITATIVE RESEARCH	10.00 A.M - 1.00 P.M	<p>TOPIC: CAUSALITY AND CORRELATIONS IN SOCIAL SCIENCE WITH R</p> <p>SUBTOPIC: 1) QUANTITATIVE RESEARCH IN SOCIAL SCIENCE: NATURE OF REALITY AND INQUIRY (45 MIN) 2) R SOFTWARE (45 MIN) 3) CAUSALITY AND CORRELATIONS IN SOCIAL SCIENCE: MEASURES OF ASSOCIATION (1 HOUR) 4) RANDOMIZED CONTROL TRIALS IN SOCIAL SCIENCE (45 MIN)</p>	 <p>Dr. NIRAJ POU DYAL, PHD (VIRGINIA TECH, USA) ASSISTANT PROFESSOR (ECONOMETRICS) THE SCHOOL OF ARTS KATHMANDU UNIVERSITY P. B. NO. 6250, KATHMANDU HATTIBAN, LALITPUR, NEPAL & PRINCIPAL INVESTIGATOR DISABILITY RESEARCH CENTER</p>
	MIXED METHOD RESEARCH	2.00 P.M - 5.00 P.M	<p>TOPIC: MIXED METHOD RESEARCH</p>	 <p>Prof. Dr. PADAM SIMKHADA ASSOCIATE DEAN INTERNATIONAL AND PROFESSOR OF GLOBAL HEALTH, SCHOOL OF HUMAN AND HEALTH SCIENCES, UNIVERSITY OF HUDDERSFIELD, UK</p>

DAY-6

28/06/2022	SOFTWARE TRAINING	10.00 A.M - 1.00 P.M	<p>TOPIC: STATISTICAL SOFTWARE TRAINING</p> <p>SUBTOPIC: <i>SPSS</i></p>	 <p>Dr. MOHAMMED ASIM CLINICAL RESEARCH TRAUMA & VASCULAR SURGERY DEPARTMENT OF SURGERY HAMAD MEDICAL CORPORATION QATAR</p>
	REVIEW IN RESEARCH	2.00 P.M - 3.30 P.M	<p>TOPIC: INTRODUCTION TO SYSTEMATIC REVIEW AND META ANALYSIS FOR EVIDENCE BASED PRACTICE TOOL KIT</p>	 <p>Prof. Dr. JAYDEVAN SREEDHARAN PROFESSOR OF EPIDEMIOLOGY COLLEGE OF MEDICINE GULF MEDICAL UNIVERSITY AJMAN, UAE</p>
	ETHICS IN RESEARCH	3.30 P.M - 5.00 P.M	<p>TOPIC: RESEARCH PUBLICATION ETHICS</p> <p>SUBTOPIC: I) DO'S AND DONT'S IN PUBLISHING II) STRUCTURING A MANUSCRIPT III) DRAFTING YOUR ABSTRACT IV) CITATION AND REFERENCES</p>	 <p>Mr. SAMEER BABU M ASSOCIATE PROFESSOR DEPARTMENT OF ADULT AND CONTINUING EDUCATION AND EXTENSION JAMIA MILLIA ISLAMIA CENTRAL UNIVERSITY</p>

DAY-7

Date	Area	Time	Topic & Sub Topic	Resource Persons
29/06/2022	APPS & SOFTWARE USEFUL FOR RESEARCH	10.00 A.M - 1.00 P.M	TOPIC: ICTs FOR RESEARCH SUBTOPIC: 1) ONLINE DATA COLLECTION TOOLS 2) DATA ANALYSIS USING MS EXCEL	 Dr. AJITH KUMAR C ASSISTANT PROFESSOR (STAGE III) SCHOOL OF EDUCATION IGNOU NEW DELHI 110068
	APPS & SOFTWARE USEFUL FOR RESEARCH	2.00 P.M - 5.00 P.M	TOPIC: TOOLS FOR RESEARCH COMMUNICATION SUBTOPIC: - ELECTRONIC INFORMATION SOURCES - REFERENCE MANAGEMENT SOFTWARE - JOURNAL SELECTION TOOLS - WRITING TOOLS - RESEARCHER PROFILE & VISIBILITY	 Mrs. SAVITHRY T K REFERENCE ASSISTANT SCHOOL OF BEHAVIOURAL SCIENCES MAHATMA GANDHI UNIVERSITY

PARTICIPANTS

Faculty Members from Universities, Aided Colleges, Training & Professional Colleges from all disciplines can attend this event.

FDP registration fee shall be paid through Internet Banking /NEFT/RTGS. After payment of registration fee, registration form needs to fill and submit. Registration need to do only through the Google Form link given below.

[CLICK HERE](#)

**REGISTRATION FEE**

FDP Registration Fee: 1000 INR

Account Name: CONVENER FDP-2022, SCHOOL OF BEHAVIOURAL SCIENCE

Account Number: 41054389600

IFSC: SBIN0070669

SWIFT CODE: SBININBBT15

BANK NAME: STATE BANK OF INDIA

BRANCH: M.G.UNIVERSITY CAMPUS BRANCH

BRANCH CODE: 70669

CONTACT DETAILS : Rajesh. E (Convener, FDP -2022)

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